

27 NOV 2001

09/980168

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Dkt. No: 5333-02500

Inventor(s):  
Chun Byung Yang

Title A CATALYST FOR  
ETHYLENE HOMO- AND  
CO-POLYMERIZATION

CERTIFICATE OF EXPRESS MAIL  
UNDER 37 C.F.R. §1.10

"Express Mail" mailing label number: EL726368216US  
DATE OF DEPOSIT: November 27, 2001

I hereby certify that this paper (along with any paper and/or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to:

Commissioner for Patents  
Box: Patent Application  
P.O. Box 2327  
Arlington, VA 22202

Derrick Brown

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED  
OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371**

INTERNATIONAL APPLICATION NO.: PCT/KR99/00639
INTERNATIONAL FILING DATE: October 23, 1999
PRIORITY DATE CLAIMED: May 27, 1999
U.S. APPLICATION NO. (If known): Unknown

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1).
4. ☐ A translation of the International Application into English (35 U.S.C. § 371(c)(2)).
5. ☐ Drawings  
☐ Formal Figure(s) \_\_\_\_\_ on \_\_\_\_\_ sheet(s).
6. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))  
☒ is transmitted herewith including: a title page; 16 page specification; 2 page(s) of claims (claims 1-5);  
1 page abstract..  
☐ has been transmitted by the International Bureau.  
☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

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7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))  
☐ are transmitted herewith (required only if not transmitted by the International Bureau).  
☐ have been transmitted by the International Bureau.  
☐ have not been made; however, the time limit for making such amendments has NOT expired.  
☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.  
☐ A copy of the Demand for International Preliminary Examination is enclosed.
10. ☐ An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)):  
☐ is enclosed (\_\_\_\_ pages).  
☐ a combined Declaration and Power of Attorney is enclosed (\_\_\_\_ pages).  
☒ is not enclosed. Applicant requests the Patent and Trademark Office to accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, Applicant requests that the NOTICE OF MISSING PARTS-FILING DATE GRANTED be sent to the undersigned representative of Applicant.
11. ☒ Applicant hereby claims priority to:  
☒ International Application No.: PCT/KR99/00639 filed October 23, 1999.  
☒ Korean application No.: KR 1999/19192 filed May 27, 1999.
12. ☐ A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
13. ☒ The entire disclosure of the International Application referred to above is considered to be part of the accompanying application and is hereby incorporated by reference herein.
14. ☐ Assignment Papers.  
☐ An assignment document is enclosed for recording (\_\_\_\_ pages).  
☐ Form PTO-1595 Assignment Recordation Cover Sheet (\_\_\_\_ page).
15. ☒ A Preliminary Amendment (7 pages).
16. ☒ A substitute specification for pages 1-14, 17 (17 pages).
17. ☒ A strikethrough version of specification and abstract (18 pages).
18. ☐ Power of Attorney  
☐ Is enclosed.  
☐ a combined Declaration and Power of Attorney is enclosed.
19. ☐ Information Disclosure Statement (IDS), including:  
☐ Form PTO-1449  
☐ Reference(s) marked according to Form PTO-1449.
20. ☒ Return Receipt Postcard
21. ☐ Small Entity Status  
☐ A small entity statement is enclosed.
22. ☐ Copy of PCT Form PCT/IB/338
23. ☐ Copy of International Request.

24. ☒ Copy of International Preliminary Examination Report.  
☐ A copy of the International Preliminary Examination Report in French.  
☐ English Translation of the International Preliminary Examination Report.

25. ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR § 1.492 (a) (1)-(5):				
<input type="checkbox"/> Neither international preliminary examination fee nor international search fee paid to USPTO and International Search Report not prepared by the EPO or JPO.....				\$970.00
<input checked="" type="checkbox"/> International preliminary examination fee not paid to USPTO but International Search Report prepared by the EPO or JPO.....				\$890.00
<input type="checkbox"/> International preliminary examination fee not paid to USPTO but international search fee paid to USPTO.....				\$760.00
<input type="checkbox"/> International preliminary examination fee paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....				\$670.00
<input type="checkbox"/> International preliminary examination fee paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....				\$96.00
ENTER APPROPRIATE BASIC NATIONAL FEE AMOUNT (as selected above):				\$890.00
Surcharge of \$130.00 for furnishing oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	26 - 20 =	6	6 x \$18.00 =	108.00
Independent claims	3 - 3 =	0	x \$78.00 =	
MULTIPLE DEPENDENT CLAIM(S)			+ \$260.00 =	
TOTAL OF ABOVE CALCULATIONS:				\$998.00
Reduction by 50% for Small Entity. A Small Entity Statement must be filed:				
SUBTOTAL:				\$998.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date:				
TOTAL NATIONAL FEE				
Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property:				
TOTAL FEES ENCLOSED				\$998.00

- ☒ A fee authorization in the amount of \$998.00 is enclosed.
- ☐ Please charge my Deposit Account No. 50-1505/ in the amount of to cover the above fees.
- ☒ The Commissioner is hereby authorized to charge any other fees which may be required or credit any overpayment to Conley, Rose, & Tayon, P.C., Deposit Account No. 50-1505/5333-02500/EBM.

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27 NOV 2001

Address all future correspondence to:

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Signature



Name

Mark R. DeLuca

Registration No.

44,649

Date

1076

## PATENT

Application No.: Unknown  
Filed: Herewith  
Inventor(s):  
Chun Byung Yang.

§. §. §. §. §. §. §. §. §. §. §. §. §.

Examiner: Unknown  
Group/Art Unit: Unknown  
Atty. Dkt. No: 5333-02500

Title: A CATALYST FOR  
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Derrick Brown

Commissioner for Patents  
P.O. Box 2327  
Arlington, Virginia 22202

The Commissioner is hereby authorized to charge the following fees to Conley, Rose & Tayon, P.C. Deposit Account Number 50-1505/5333-02500:

\$890.00 - Patent Application Filing Fees; and

\$108.00 - Excess Claims Fees

Total Amount: \$998.00

Attorney Docket No.: 5333-02500

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Yang, et al.

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number. If the above mentioned account is found to have insufficient funds, the Commissioner is authorized to charge Conley, Rose & Tayon, P.C. Deposit Account Number 50-1623/5333-02500.

Respectfully submitted,



Mark R. DeLuca  
Reg. No. 44,649

Attorney for Applicant

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Date: 11/27/01